

Motueka Integrated Catchment Management (ICM) Programme



NZ Landcare Trust

Common Ground Associates Ltd

Motueka Iwi Resource Management Komiti (MIRMAK)



Making a difference for a truly green New Zealand



Integrated Catchment Management

...a partnership approach



Making a difference for

truly clean green New Zealand



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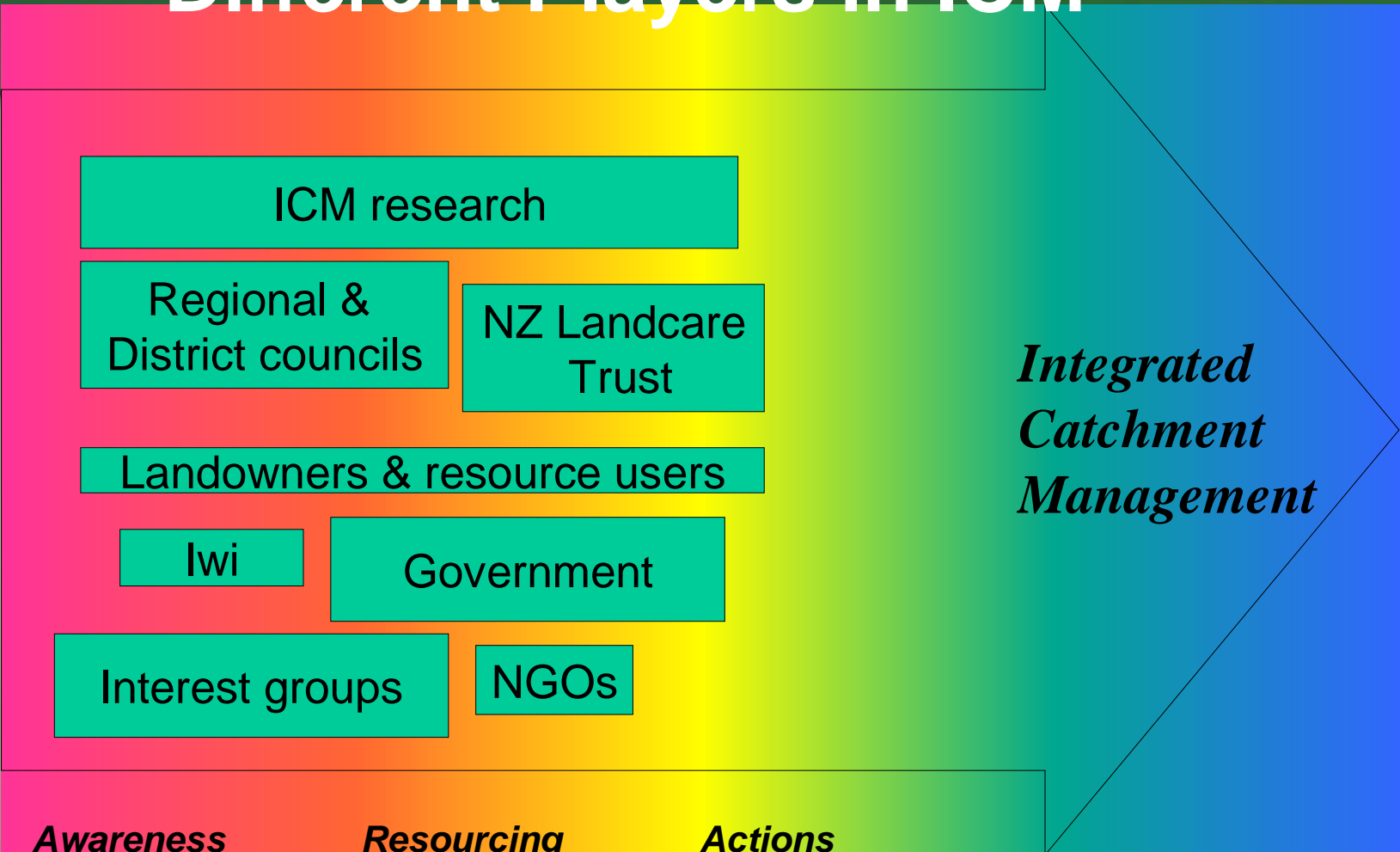
What is “integrated catchment management”?

An approach which recognises the *catchment* or river basin as the appropriate organising unit for research on *ecosystem processes* for the purpose of *managing natural resources* in a context that includes *social, economic and political considerations*.

A process through which people can *develop a vision*, agree *shared values* and behaviours, make *informed decisions* and *act together* to manage the *natural resources* of their *catchment*.

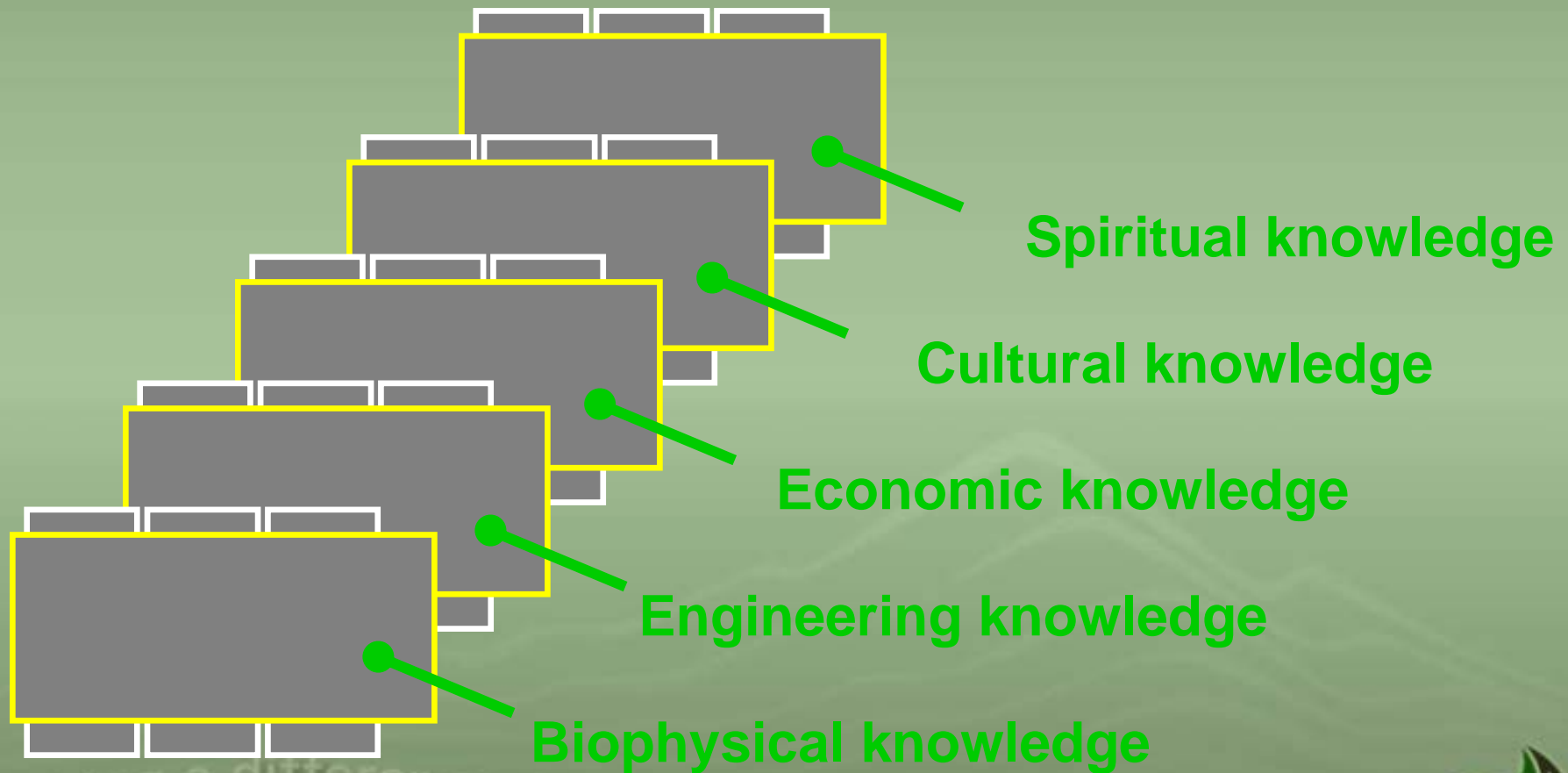


Different Players in ICM

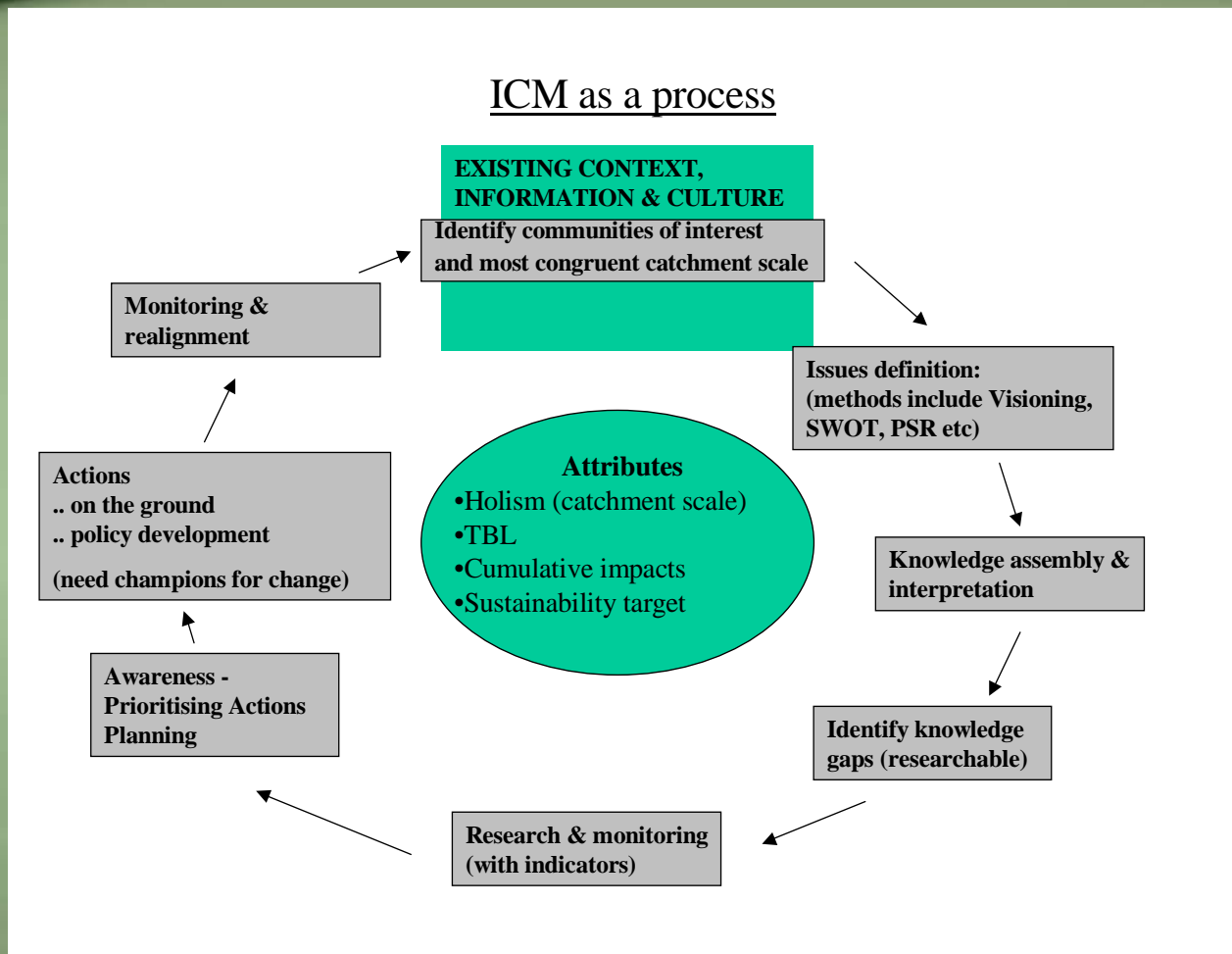


Awareness **Resourcing** **Actions**
Knowledge *Commitment* *Cumulative Benefits*

ICM has multiple dimensions



ICM as a process



Original 'Big Picture' Issues for Motueka ICM Research

- Water allocation (incl in vs out-of-stream uses)
- Sedimentation risks (incl river gravel)
- Aquaculture space allocation (incl river impacts)
- Growth pressures (what's sustainable?)



Detailed research issues and questions

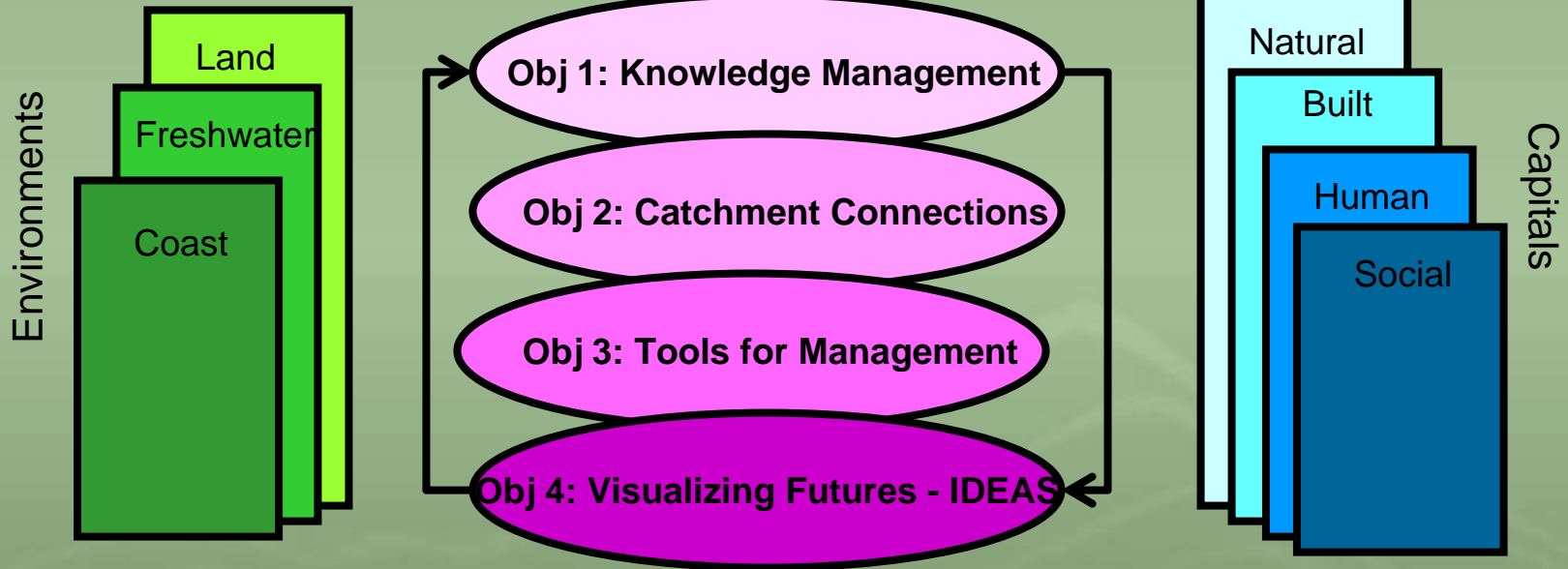
Motueka ICM Research 2003-2009

Inheritance

*Perspective –
Ridge tops to sea*

*ICM Approach –
Integration & Innovation*

*Outcomes –
Improved Management*



Sustainable
Futures

Making a difference for



green New Zealand



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Sub-Catchments



Legend

Highways

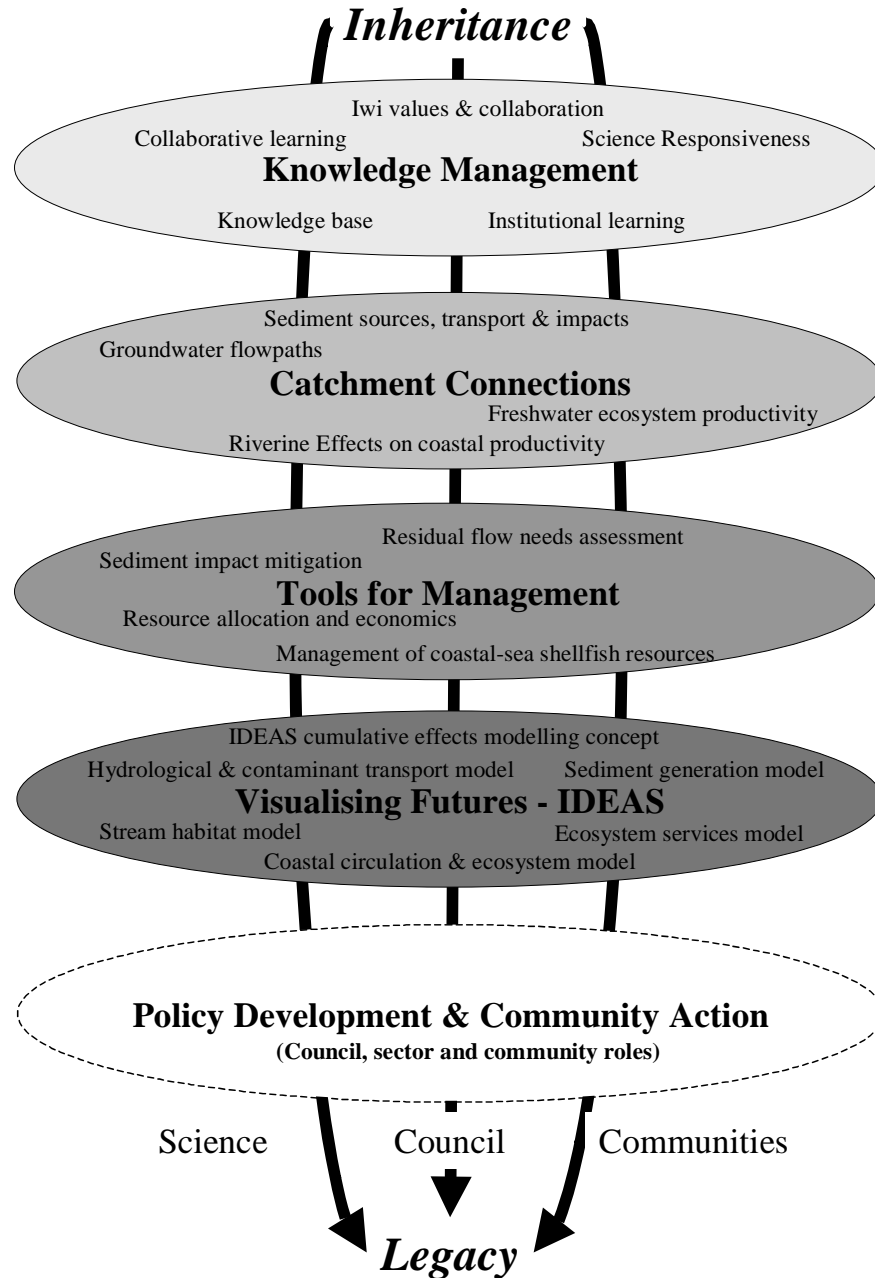


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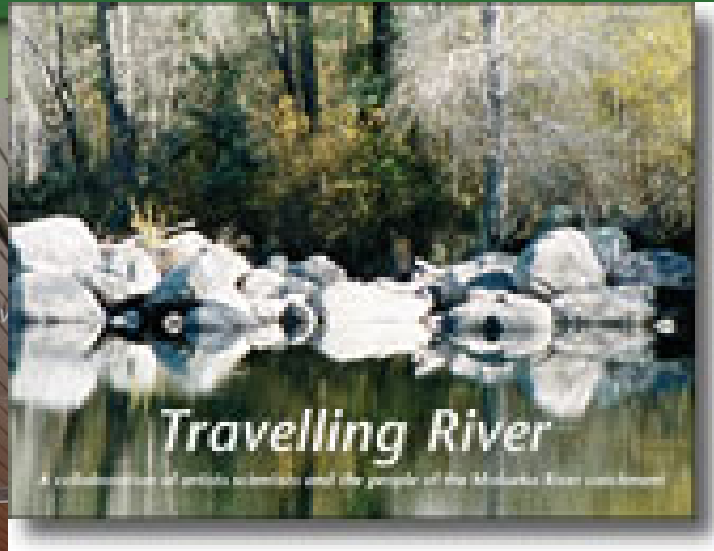
ICM as a process: 2003-2009 research objectives (4)



Some Successes in the Past Year

- 6 chapters in Freshwaters of NZ
- CRG meetings; formed a Sector Liaison Group
- Re-selected as a UNESCO-HELP demonstration catchment
- Iwi issues identified and published
- Manawatu landslide modelling
- River plume effects in Tasman Bay published
- Prototype toolbook developed; ICM Atlas
- Riparian root stabilisation research
- Overview paper in J Water Resource Development
- Social learning for ICM presented to UN meeting

Travelling River Art-Science Collaboration



TDC Tasman District Council

Environmental AWARDS 2004

Cultural Heritage Award

Winner

Travelling River Exhibition

The Travelling River Exhibition has been named the winner of the Tasman District Council's Cultural Heritage Environmental Award, in recognition of the enormous contribution the exhibition has made to promote the cultural heritage and environmental significance of the Motueka River Catchment.

The collection incorporated the work, vision and stories of artists, scientists and the people of the Motueka River Catchment in an innovative and accessible way. Bringing the exhibition together drew all areas of the community into a discussion of what the river meant to them.

The beauty of the Travelling River art-science exhibition is that it crosses cultural and social boundaries; giving equal consideration to the thoughts and views of the many sectors of the Motueka community.

We applaud the vision of Landcare Research and the exhibition curators Andrew Fenemor, Maggie Atkinson and Suzie Peacock in bringing alive life and science in the Motueka River catchment.

Therefore the Tasman District Council and Judges of this category would like to congratulate all of the exhibition coordinators, the many contributors to the project, including artists, scientists, iwi and the greater community for sharing what the Motueka River Catchment has meant to them and how this compares with modern use and management.



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INTEGRATED CATCHMENT MANAGEMENT

for the *Motueka River*

• ridge tops to the sea •

Home Page

[HOME](#)[ABOUT](#)[WHAT'S NEW](#)[WHAT'S ON](#)[SEARCH](#)[CONTACT US](#)[PROJECT STAFFROOM](#)

This web site is about the ICM Motueka Programme. Its purpose is to provide information resources relevant to project participants and to the stakeholders of the Motueka River catchment. The site is a collaborative venture between a number of organisations. Please read about our site.

The Motueka River catchment is a Global [HELP](#) Catchment.

[Our Site](#)

General information about the site, the ICM Motueka project, and its purpose - includes site map.

[Our Catchment](#)

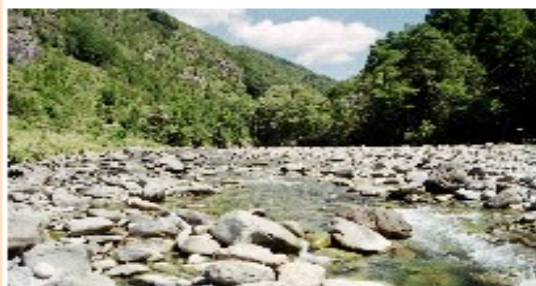
Overview of the Motueka River catchment - includes virtual field trips.

[Our Science](#)

Outlines the research being conducted in the catchment.

[Science Quick Links](#) ▾

Site kindly hosted by Landcare Research



Announcements

NEW 10/12/02 [Recent conference abstracts added](#)

NEW 10/12/02 [HELP conference in Kalmar Sweden 2002](#)

06/11/02 [2002-03 overview & progress](#)

[Hot Topics](#)

Current events and notable happenings from the Programme Leader.

[Project Staff Room](#)

(Available only for programme participants).

[Library of Resources](#)

Includes reports, fact sheets, images, maps, and other resources.

[Library Quick Links](#) ▾

To receive email notice of events and research findings please join our ICM Motueka [discussion group](#)



Coming up.....

Regional Councils ICM workshop

Workshop day: TDC and ICM science team
Tuesday 9 November 2005

Field Trip and posters - Motueka catchment
Wednesday 10 November



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